

**INSTRUCTION BOOKLET FOR**

**STOCK REELS**

**MODEL#: RW, D, DD, DMD, DSC, DMSC,  
DDSC/DDM, XL, MD, MDD & HD SERIES**



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ATTENTION: PLANT MANAGER

Thank you for purchasing Durant equipment. Enclosed are very important safety instructions, operating instructions, and setup procedures.

Read all these materials completely and carefully. Please distribute copies to your SAFETY MANAGER, PRODUCTION MANAGER, and MACHINE OPERATORS.

If there is any help required in setup or operation, we will be readily available for your assistance.

Thank you again and we look forward to developing and maintaining a fine relationship with your company.

Sincerely,

DURANT TOOL COMPANY

## **SAFETY INSTRUCTIONS FOR ALL DURANT EQUIPMENT**

The enclosed information and instructions must be forwarded and distributed to the Plant Safety Director, Plant Manager, Production Manager, and all Operators of Durant equipment.

Operators of Durant equipment must have a minimum of (3) three years operating experience with similar Durant press room equipment or a minimum of (3) three years experience with identical equipment manufactured by other press room equipment manufacturers.

### **WARNING**

Never operate, install, or maintain this machine without understanding the complete and safe operation thereof.

It is the employer's responsibility to provide proper safety devices and equipment to safeguard the operator from harm and to safeguard this machine at all times to meet all current government safety codes and standards.

### **CAUTION**

All Durant equipment must be securely fastened to the floor. This will prevent the machine from tipping. Failure to follow the above instructions could cause harm to the operator or machine.

### **ATTENTION**

If any danger points are observed:

1. Immediately stop machine.
2. Do not run machine until danger point is eliminated.
3. Report danger point in writing to your employer.
4. Keep a copy of your report for your records.
5. Do not run machine again until danger point has been corrected.
6. It is your employer's responsibility to safeguard this machine to meet all government safety codes and standards.
7. There are U.S. companies that specifically specialize in safe guarding machines to plant requirements and government codes. The safe guarding companies are located throughout the United States, Canada, and foreign countries. Representatives will visit your site to advise and recommend safe guarding procedures for your company.

### **IMPORTANT**

Before the first use and monthly thereafter, all nuts, screws, and bolts should be checked for tightness. Gears, sprockets, chains, and belts should also be checked for tightness.

Grease and oil fittings and reducers monthly.

## **STOCK REELS**

1. Remove outer arms from spindle.
2. Position one spindle to 12 o'clock.
3. Hand coil from chain lift or sling attached to fork lift.
4. Slide coil over spindle without putting weight of coil on spindle.
5. Expand spindle fully with weight maintained on sling, not on spindle.
6. Remove sling and replace outer arms securely.
7. Switch box should be wired into your electrical line making certain proper voltage is used.
8. Uncoil material to flow under control rod.
9. When production line requires material, loop rod will rise, activating limit switch and machine. Material will payout until loop arm drops, automatically shutting off motor.

**Note:** A time control is provided on several models. This timer is located inside the control box. It can be adjusted to allow your material to continue to run after the loop control limit switch has been given a stop signal. The time delay is utilized to reduce the amount of start/stop signals or to increase the size of your loop.

Standard on MD MODELS and HD MODELS

## **MAINTENANCE:**

1. If necessary, motor brake tension can be increased or decreased. Adjusting screws are located on the front of the motor. (MD / HD Models)
2. Grease all spindle grease fittings weekly.
3. Grease the face of the spindle wedges weekly.
4. Check hydraulic fluid level weekly. (Hydraulic option only)
5. Check gear reducer fluid monthly.
6. Grease bearings weekly.

## **AIR BRAKE (STANDARD ON HD UNMOTORIZED MODELS)**

The air brake is mounted inside the machine cabinet and chain driven to the main shaft. This brake is designed to place a constant drag pressure on the main spindle. It is not designed to grab periodically.

Connect your air line to the air brake with 80-100 PSI

## **HYDRAULIC EXPANSION SYSTEM (OPTION)**

In order to begin operation, it may be necessary to bleed the hydraulic line. Loosen the hydraulic line at the tank output slightly, allowing air to escape. Turn your power line on and off several times as you expand the main spindle. As pressure increases, tighten the hydraulic hose.